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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CNK	A1	5,354,709	10/11/1994	Lorenzo et al.	437	129	4/11/1996
CNK	A2	5,838,870	11/17/1998	Soref	385	131	2/28/1997
CNK	A3	6,108,478	08/22/2000	Harpin et al.	385	129	2/6/1998

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
CNK	B1	JP 04179905	06/26/92	JP	385	129	11/14/1990	N	N (English language abstract)

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
CNK	C1	"Silicon Antiresonant Reflecting Optical Waveguides," R. A. Soref and K. J. Ritter, <i>Optics Letters</i> , Vol. 15 No. 14, 1990, 792-794.							
CNK	C2	"Silicon-Based Optoelectronics," R. A. Soref, <i>Proceedings of the IEEE</i> , 81, December 1993, 1687-1706.							
CNK	C3	"Hybrid Optical Integration Technology," M. Kobayashi and K. Kato, <i>Electronics and Communications in Japan, Part 2</i> , Vol. 77 No. 10, 1994, 67-81.							
CNK	C4	"WP 4.2: Silicon-Based Photonic Devices," R. A. Soref, <i>IEEE International Solid State Circuits Conference</i> , 38, 1995, 66-67.							
CNK	C5	"One-Level Gray-Tone Lithography-Mask Data Preparation and Pattern Transfer," K. Reimer, H. J. Quenzer, R. Demmeler, B. Wagner, <i>SPIE</i> , 2783, 1996, 71-79.							
CNK	C6	"Small Radius Bends and Large Angle Splitters in SOI Waveguides," J. S. Foresi, D. R. Lim, L. Liao, A. M. Agarwal, L. C. Kimerling, M. Tavassoli, M. Cox, M. Cao, and W. Greene, <i>SPIE</i> , 3007, 1997, 112-118.							
CNK	C7	"Telecom Optical Componentry: Past, Present, Future," L. Eldada, <i>Proceedings of the SPIE</i> , 4604, 2001, 1-15.							
CNK	C8	"Fabrication of Silicon-on-Insulator Adiabatic Tapers for Low Loss Optical Interconnection of Photonic Devices," J. J. Fijol, E. E. Fike, P. B. Keating, D. Gilbody, J. LeBlanc, S. A. Jacobson, W. J. Kessler, and M. B. Frish, <i>IEEE Photonics West Conference</i> , 2003, 1-14.							
EXAMINER Chris Kalwack					DATE CONSIDERED Sep 9, 2004				



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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
<i>CMK</i>	C9	"Optical Interconnection Using Fiber Arrays and Planar Waveguide Arrays," P. B. Keating, E. E. Fike, J. J. Fijol, and D. Gilbody, <i>Advancing Microelectronics</i> , July/August 2003, 14-17.
<i>CMK</i>	C10	PCT/US02/18463 International Search Report August 21, 2003 (5 pages)
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